



# **NASA Human Health and Performance Center (NHHPC)**

International Space Medicine Summit IV

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*Exploring Space, Enhancing Life*

# NHHPC



- Purpose – the NHHPC provides a collaborative forum to integrate all disciplines of the human system
- Scope
  - Suborbital, orbital and beyond LEO space flight
  - Aviation
  - Terrestrial human health and performance issues



# NHHPC



- **Benefits**
  - Facilitate collaborative projects between participants
    - Leverage resources for projects too large for any one participant
  - Collect, integrate, disseminate knowledge
  - Assess and promote innovative models for research and technology development
    - Open innovation approaches
  - Provide effective virtual and in-person workshops and conferences
- **Themes (just examples)**
  - Health
  - Performance
  - Environment
  - Commercial Space
  - Education

# NHHPC



- Potential members and participants
  - NASA centers
    - JSC, Ames, Glenn beginning to integrate
  - NASA programs
    - Human Research Program
  - Space flight agencies
  - Other government agencies
    - FAA Office of Commercial Space Transportation
    - NIH, NIST, NSF
  - Academia
    - NSBRI
    - UTMB
  - Industry
    - Commercial space flight





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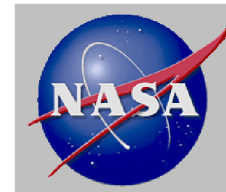
- **Administration**

- Jointly sponsored by Space Operations and Exploration Systems Mission Directorates

- **Team**

- Director, JSC (Jeff Davis)
- Deputy Director, ARC (Carol Carroll)
- Executive Secretary
- Executive Council from members

- **Location**
  - JSC



# NHHPC

- Current activities
  - Charter under review at ESMD and SOMD, approved by JSC, ARC and Chief Health and Medical Officer
  - Budget request for 2011
    - For administration, not a funding entity
  - Initial meeting for ISS utilization collaboration May 6 – JSC, ARC and GRC
    - Successfully integrated 3 proposals for ISS
  - Co-sponsored workshop with the FAA about the human system for commercial space operators
  - Life Sciences Academy at JSC
  - Initial operations planned September 2010